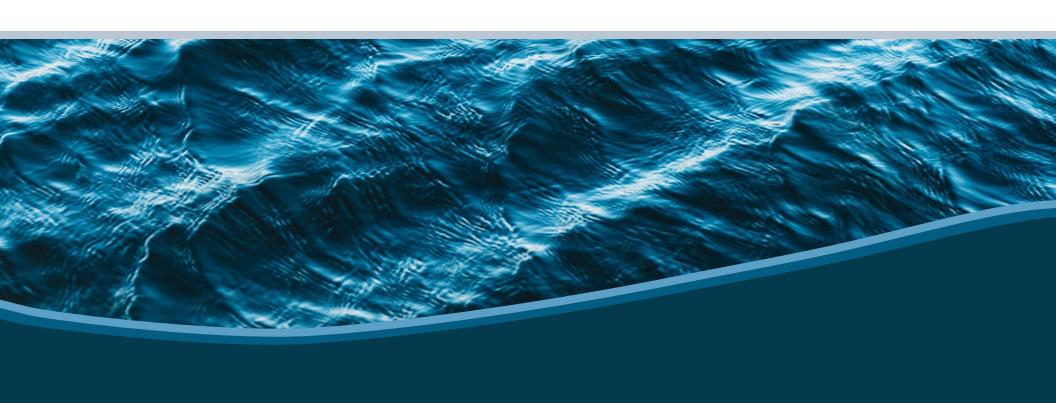
Quarterly Oil and Gas Water Management Summary



Third Quarter 2017 (July - September)



PURPOSE

This *Quarterly Oil and Gas Water Management Summary* presents short-term water use and water licence data from the Q3 July to September 2017 period.

Previous annual water use reports and quarterly water use summaries are available on the BC Oil and Gas Commission website at www.bcogc.ca.

TABLE OF CONTENTS

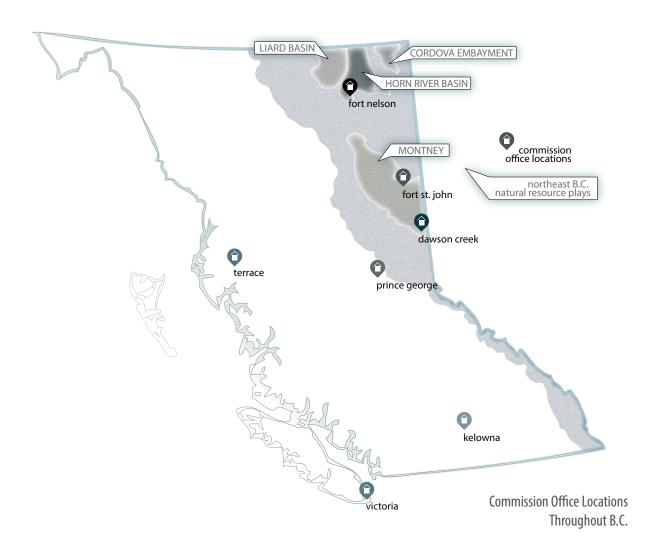
ROLE OF THE BC OIL AND GAS COMMISSION	4
HOW WATER IS USED 5	
HOW WATER IS ACCESSED 5	
LONG-TERM WATER LICENCES AND USE	6
TABLE 1 - SUMMARY OF WATER LICENCES AND USE FOR OIL AND GAS ACTIVITIES FROM JANUARY TO SEPTEMBER 20176	
TABLE 2 - OIL AND GAS RELATED WATER LICENCES THAT WITHDREW WATER FROM JULY TO SEPTEMBER 2017 6	
SHORT-TERM WATER APPROVAL AND USE	7
TABLE 3 - SUMMARY OF SHORT-TERM APPROVAL AND USE FOR OIL AND GAS ACTIVITIES FROM JANUARY TO SEPTEMBER 2017 7	
INTRODUCTION OF WATER SUSTAINABILITY ACT	8
TABLE 4: SUMMARY OF WATER ALLOCATION AND USE FOR OIL AND GAS ACTIVITIES IN 2017, ORGANIZED BY OGC WATER MANAGEMENT BASIN	1(

BC OIL AND GAS COMMISSION

he <u>BC Oil and Gas Commission</u> (Commission) is the provincial regulatory agency with responsibilities for regulating oil and gas activities in British Columbia, including exploration, development, pipeline transportation and reclamation.

The Commission's core services include reviewing and assessing applications for industry activity, consulting with First Nations, cooperating with partner agencies, and ensuring industry complies with provincial legislation and all regulatory requirements. The public interest is protected by ensuring public safety, respecting those affected by oil and gas activities, conserving the environment, and ensuring equitable participation in production.

The Commission is responsible for reviewing, assessing, and making decisions on water authorizations from both surface and subsurface water sources. The Commission has the expertise and tools to make informed water allocation decisions, and protecting and maintaining environmental and community water needs are its first priorities.



HOW WATER IS USED

Water is used for various purposes in the oil and gas industry.



The largest use of water for oil and gas activities is for hydraulic fracturing.

However, water is used for other purposes, such as:



Seismic or geophysical exploration



Drilling



Machine washing



Dust control



Water floods (to enhance oil recovery)



Ice road freezing



Hydrostatic testing of pipelines

HOW WATER IS ACCESSED

here are different ways the oil and gas industry may access water in British Columbia. Some methods are managed through provincial legislation, including:

- **Water licences** issued under the Water Sustainability Act (WSA) for surface and groundwater. The Commission has staff designated as Regional Water Managers with authority for issuing and administering long-term water licences.
- Short-term surface water use or diversion approvals issued under Section 10 of the WSA. Short-term water use is administered by the Commission.
- Water source wells authorized by the Commission under the Oil and Gas
 Activities Act (OGAA). Water source wells are a specific type of well where the water
 withdrawn is intended for injection into an underground formation to enhance oil or
 natural gas recovery.
- Flowback water that returns to the surface after being injected for hydraulic fracturing.
- Produced water that flows to the surface as a by-product of oil and gas production.

The oil and gas industry can access water by means outside of regulatory oversight:



Private agreements can be made with landowners or others who have a source of surface water supply such as a dugout or a groundwater well. In some cases, private agreements may require a Waterworks water licence under the WSA.

LONG-TERM WATER LICENCES AND USE

At the end of the third quarter of 2017, there were 23 active oil and gas related water licences, representing 25 withdrawal locations, held by 12 companies (Table 1).

The total annual licenced water volume was 21,959,242 m³.

A total of 1,187,127 m³ of licenced water was reported as withdrawn in the first three quarters of the year (Table 1).

A break-down of water licence allocation and use by OGC Water Management Basin is listed in Table 4.

	SUMMARY OF WATER LICENCE AND USE FOR OIL AND ITIES FROM JANUARY TO SEPTEMBER 2017	Q 1	02	*Q3
עעס עכווו	THES TROM SAROART TO SELTEMBER 2017	Ų I	Ų۷	
	Companies with Active Water Licences	11	12	12
WATED	Active Water Licences	21	23	23
WATER LICENCE	Licenced Withdrawal Locations	22	25	25
LICLINCE	Annual Volume Available for Use for Water Licences (m³)	19,859,242	21,959,242	21,959,242
	Cumulative Volume Reported Used in 2017 (m³)	531,420	930,760	1,187,127

TABLE 2:
OIL AND GAS RELATED WATER LICENCES THAT WITHDREW WATER FROM JULY TO SEPTEMBER 2017

LICENCE#	LICENCEE	SOURCE	OGC WATER MANAGEMENT BASIN	ANNUAL APPROVAL (m³/YR)	Q3 WATER USE (m³/YR)
C112155 C126568 C132688	Whitecap Resources Inc. Progress Energy Canada Ltd. Canadian Natural Resources Limited	Peace River Williston Lake Charlie Lake	Lower Peace River Peace Arm Lower Beatton River	1,825,000 3,650,000 394,000	174,823 1,194 11,745
C133155 C133847 C133853 C500022	Canbriam Energy Inc. Progress Energy Canada Ltd. Progress Energy Canada Ltd. Encana Corporation	Williston Lake Unnamed Creek Barker Creek Dam near Bissette Creek	Peace Arm Cameron River Upper Beatton River Pouce Coupe River	3,650,000 3,687 7,264 32,000	50,310 2,794 1,186 14,315

^{*} Changes to Q3 query parameters resulted in adjustments to Q1 and Q2 reported totals (former queries based on licence issue date changed to permitted withdrawal date).

SHORT-TERM WATER APPROVAL AND USE

At the end of the third quarter of 2017, there were a total of 259 short-term water use approvals in place, representing 696 withdrawal locations, held by 43 companies (Table 3).

The total water volume associated with short-term approvals that were active on the last day of the quarter was 15,622,886 m³.

A total of 1,607,674 m³ was reported as withdrawn by oil and gas operators during the first three quarters of 2017 (Table 3).

A break-down of short-term water approval and use by OGC Water Management Basin is listed in Table 4.

	- SUMMARY OF SHORT-TERM APPROVAL AND USE FO GAS ACTIVITIES FROM JANUARY TO SEPTEMBER 2017		Q2	Q3
	Companies with Active Approvals	45	42	43
	Active Approvals	198	238	259
SHORT- TERM	Approved Withdrawal locations	763	720	696
IENIVI	Volume Available for Use (m³)	13,030,214	16,198,738	15,622,886
	Cumulative Volume Reported Withdrawn (m³)	271,537	818,700	1,607,674



WATER SUSTAINABILITY ACT

he Water Sustainability Act (WSA) came into effect on Feb. 29, 2016, resulting in changes to surface water and groundwater allocation processes by the Commission. With the implementation of the WSA, the following regulations were created or revised and brought into force:

- Water Sustainability Regulation (replaces Water Regulation)
- Groundwater Protection Regulation (revised)
- Dam Safety Regulation (revised)
- Fees, Rentals and Charge Tariff Regulation (new)

The WSA modernizes the language of the Water Act and introduces a number of significant policy changes. Examples of key items that affect oil and gas activities include, but are not limited to:

- Water in a stream, and the percolation and flow of groundwater, are vested to the Crown.
- The regulatory scheme for the diversion and use of stream water is maintained and applied to both stream water and aquifer water.
- The rights of prior appropriation are retained First In Time, First In Right (FITFIR).
- The consideration of the environmental flow needs of a stream in licensing decisions is mandated for all water allocation decisions related

- to streams, and to aquifers "reasonably likely" of being hydraulically connected to a stream.
- Explicit notification, objection and appeal rights for short-term water use approvals and changes in and about a stream are specified (appeals are to the Environmental Appeal Board).
- Deep groundwater is exempted from the requirement for a water licence.
- New powers are created to be applied when streams are at risk of falling or have fallen below their critical environmental flow thresholds, to modify the existing precedence of water use for the purpose of protecting the aquatic ecosystem of streams and aquifers

- and essential domestic uses (i.e., FITFIR can be overridden).
- Authority is provided to statutory decision makers to require environmental mitigation or offsetting when the diversion and use of water, or changes in and about a stream, are likely to have a significant adverse impact on the water quality, water quantity or aquatic ecosystem of a stream or aquifer.

As there are significant changes resulting from the implementation of the WSA, operators are strongly encouraged to review the document <u>Water Sustainability</u> <u>Act Applications Support for Operators</u>. This supplemental outlines material changes to application manuals,



processes and fees, short-term water use approvals, water licensing, and the aforementioned regulations.

The WSA and its regulations may be viewed online:

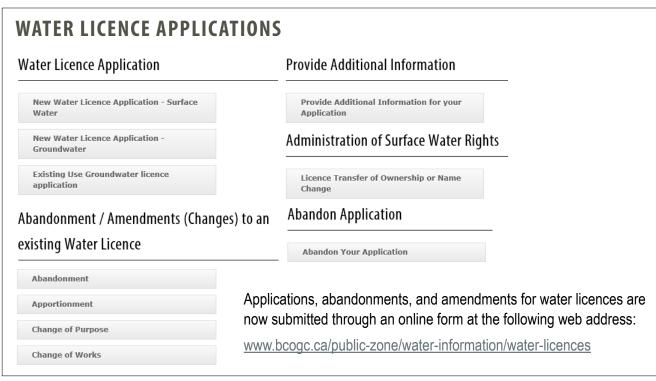
Water Sustainability Act

Water Sustainability Regulation

Water Sustainability Fees, Rentals and Charges Tariff Regulation

Groundwater Protection Regulation

Dam Safety Regulation





SHORT-TERM WATER USE APPROVALS - BC OIL AND GAS COMMISSION

OIL AND GAS RELATED WATER LICENCES

AND USE FOR OIL AND GAS ACTIVITIES IN 2017,	311011	II IERM WAIER 03	L AIT HOVALS DO	OIL AND GAS	OMMISSION	VIE ARD GAS RELATED WATER EXCENSES						
ORGANIZED BY OGC WATER MANAGEMENT BASIN (Page 1 of 4) MAJOR and Sub-Basin Name	NUMBER OF APPROVED WITHDRAWAL LOCATIONS	TOTAL VOLUME APPROVED (m³) FOR LOCATIONS ACTIVE ON 9/30/2017	TOTAL VOLUME APPROVED as % of MEAN ANNUAL RUNOFF	TOTAL VOLUME WITHDRAWN IN 2017 (m³)	TOTAL VOLUME WITHDRAWN AS % OF MEAN ANNUAL RUNOFF	NUMBER OF LICENCED WITHDRAWA LOCATIONS	VOLUME L LICENCED	TOTAL VOLUME LICENCED as % of MEAN ANNUAL RUNOFF	TOTAL VOLUME WITHDRAWN IN 2017 (m³)	TOTAL VOLUME WITHDRAWN as % of MEAN ANNUAL RUNOFF	MEAN ANNUAL RUNOFF (m³)	
BEATTON RIVER (sub-basin of Peace River)												
Upper Beatton River	13	1,012,770	0.203%	86,183	0.017%	5	803,962	0.161%	175,575	0.035%	499,408,440	
Middle Beatton River	26	307,650	0.123%	54,909	0.022%						249,152,995	
Middle Beatton Total (incl. Upper Beatton)	39	1,320,420	0.176%	141,092	0.019%	5	803,962	0.107%	175,575	0.023%	748,561,435	
Milligan Creek	24	367,775	0.192%	122	0.000%						191,536,686	
Blueberry River	41	730,150	0.249%	29,859	0.010%						293,278,540	
Doig River	6	13,732	0.004%	2,384	0.001%						323,069,523	
Lower Beatton River	20	132,566	0.096%	19,430	0.014%	1	394,000	0.285%	57,665	0.042%	138,262,629	
BEATTON TOTAL	130	2,564,643	0.151%	192,887	0.011%	6	1,197,962	0.071%	233,240	0.014%	1,694,708,813	
HALFWAY RIVER (sub-basin of Peace River)												
Chowade River											327,027,527	
Upper Halfway River											795,962,409	
Upper Halfway Total (includes Chowade)	0	0	0.000%	0	0.000%	0	0	0.000%	0	0.000%	1,122,989,936	
Graham River	1	4,800	0.001%	1,137	0.000%						860,627,172	
Cameron River	25	883,257	0.395%	68,095	0.030%	1	3,687	0.002%	3,274	0.001%	223,679,567	
Lower Halfway River	12	516,961	0.341%	7,599	0.005%						151,526,991	
HALFWAY TOTAL	38	1,405,018	0.060%	76,831	0.003%	1	3,687	0.000%	3,274	0.000%	2,358,823,666	
MOBERLY RIVER (sub-basin of Peace River)												
Moberly River	4	43,102	0.011%	790	0.000%						391,714,995	
MOBERLY TOTAL	4	43,102	0.000%	790	0.000%	0	0	0.000%	0	0.000%	391,714,995	
PINE RIVER (sub-basin of Peace River)												
Burnt River											737,930,022	
Sukunka River	3	20,000	0.002%	7,032	0.001%						1,047,282,572	
Sukunka River Total (includes Burnt)	3	20,000	0.001%	7,032	0.000%	0	0	0.000%	0	0.000%	1,785,212,594	
Upper Pine River	5	57,100	0.004%	1,290	0.000%						1,466,884,035	
Murray River	3	20,096	0.001%	266	0.000%						2,698,285,017	
Lower Pine River	26	442,101	0.321%	22,588	0.016%	1	650,000	0.472%	0	0.000%	137,619,889	
PINE TOTAL	37	539,297	0.019%	31,176	0.001%	1	650,000	0.011%	0	0.000%	6,088,001,535	

SUMMARY OF WATER ALLOCATION AND USE FOR OIL AND	SHORT-TERM WATER USE APPROVALS - BC OIL AND GAS COMMISSION						OIL AND GAS RELATED WATER LICENCES					
GAS ACTIVITIES IN 2017, ORGANIZED BY OGC WATER MANAGEMENT BASIN (Page 2 of 4)	NUMBER OF		TOTAL VOLUME APPROVED as %		TOTAL VOLUME WITHDRAWN AS % OF MEAN	NUMBER C Licenced		TOTAL VOLUME LICENCED as % of MEAN	TOTAL VOLUME	TOTAL VOLUM WITHDRAWN as % of MEAI	MEAN	
MAJOR and Sub-Basin Name	WITHDRAWAL LOCATIONS	ACTIVE ON	of MEAN ANNUAL RUNOF	WITHDRAWN	ANNUAL RUNOFF	WITHDRAW LOCATION	AL LICENCED	ANNUAL RUNOFF	WITHDRAWN IN 2017 (m ³)	ANNUAL RUNOFF	RUNOFF (m³)	
KISKATINAW RIVER (sub-basin of Peace River)												
West Kiskatinaw River											117,515,115	
East Kiskatinaw River	1	5,000	0.005%	0	0.000%						105,452,962	
Middle Kiskatinaw River	6	1,233,536	2.189%	6,875	0.012%						56,347,972	
Middle Kiskatinaw Total (incl. West & East)	7	1,238,536	0.443%	6,875	0.002%	0	0	0.000%	0	0.000%	279,316,049	
Lower Kiskatinaw River	14	2,437,467	2.719%	182,798	0.204%	4	2,120,969	2.366%	0	0.000%	89,659,847	
KISKATINAW TOTAL	21	3,676,003	0.996%	189,673	0.051%	4	2,120,969	0.575%	0	0.000%	368,975,896	
PEACE RIVER												
Peace Arm						3	9,125,000		258,533		N/A	
Upper Peace River	1	780,000	0.002%	132,723	0.000%						36,423,413,429	
Lynx Creek											30,436,635	
Farrell Creek	5	82,300	0.090%	2,845	0.003%						91,018,843	
Cache Creek	2	12,686	0.017%	3,300	0.004%	1	185,022	0.248%	0	0.000%	74,603,546	
Pouce Coupe River	12	2,257,002	0.883%	122,363	0.048%	2	132,754	0.052%	27,715	0.011%	255,686,202	
Lower Peace River	9	1,562,427	1.365%	813,423	0.711%	4	3,048,348	2.663%	664,365	0.580%	114,470,012	
PEACE TOTAL (incl. Kisk/Pine/Moberly/Half/Beatton)	259	12,922,478	0.027%	1,566,011	0.003%	22	16,463,742	0.034%	1,187,127	0.002%	47,891,853,572	
SMOKY RIVER												
Smoky River	4	18,500	0.001%	4	0.000%	1	2,500	0.000%	0	0.000%	2,669,506,123	
SMOKY TOTAL	4	18,500	0.001%	4	0.000%	1	2,500	0.000%	0	0.000%	2,669,506,123	
MUSKWA RIVER (sub-basin of Fort Nelson River)												
Upper Muskwa River											1,725,201,511	
Middle Muskwa River											1,973,711,816	
Middle Muskwa Total (incl. Upper Muskwa)	0	0	0.000%	0	0.000%	0	0	0.000%	0	0.000%	3,698,913,327	
Lower Muskwa River											646,841,560	
MUSKWA TOTAL	0	0	0.000%	0	0.000%	0	0	0.000%	0	0.000%	4,345,754,887	
PROPHET RIVER (sub-basin of Fort Nelson River)												
Upper Prophet River	1	2,250	0.000%	0	0.000%						1,470,271,289	
Middle Prophet River	5	30,700	0.005%	0	0.000%						621,428,680	
Middle Prophet Total (incl. Upper Prophet)	6	32,950	0.002%	0	0.000%	0	0	0.000%	0	0.000%	2,091,699,969	
Lower Prophet River	6	411,510	0.151%	700	0.000%						272,262,427	
-												

700

0.000%

0

0.000%

PROPHET TOTAL

12

444,460

0.019%

2,363,962,396

0.000%

SUMMARY OF WATER ALLOCATION AND USE FOR OIL AND	SHORT-TERM WATER USE APPROVALS - BC OIL AND GAS COMMISSION						OIL AND GAS RELATED WATER LICENCES						
GAS ACTIVITIES IN 2017, ORGANIZED BY OGC WATER MANAGEMENT BASIN (Page 3 of 4) MAJOR and Sub-Basin Name	NUMBER OF APPROVED WITHDRAWAL LOCATIONS	TOTAL VOLUME APPROVED (m³) FOR LOCATIONS ACTIVE ON 9/30/2017	TOTAL VOLUME APPROVED as % of MEAN ANNUAL RUNOFF	TOTAL VOLUME WITHDRAWN IN 2017 (m³)	TOTAL VOLUME WITHDRAWN AS % OF MEAN ANNUAL RUNOFF	NUMBER C LICENCED WITHDRAW LOCATION	VOLUME AL LICENCED	TOTAL VOLUME LICENCED as % of MEAN ANNUAL RUNOFF	TOTAL VOLUME WITHDRAWN IN 2017 (m³)	TOTAL VOLUME WITHDRAWN as % of MEAN ANNUAL RUNOFF	MEAN ANNUAL RUNOFF (m³)		
SIKANNI CHIEF RIVER (sub-basin of Fort Nelson River)													
Upper Sikanni Chief River						1	2,993,000	0.371%	0	0.000%	807,771,692		
Middle Sikanni Chief River	24	387,375	0.041%	7,185	0.001%						949,755,794		
Middle Sikanni Chief Total (incl. Upper Sikanni)	24	387,375	0.022%	7,185	0.000%	1	2,993,000	0.170%	0	0.000%	1,757,527,486		
Lower Sikanni Chief	4	9,200	0.001%	2,540							875,678,142		
SIKANNI CHIEF TOTAL	28	396,575	0.015%	9,725	0.000%	1	2,993,000	0.114%	0	0.000%	2,633,205,628		
FORT NELSON RIVER											,		
Kahntah River	14	87,400	0.022%	0	0.000%						400,582,903		
Fontas River											591,531,903		
Fontas Total (includes Kahntah)	14	87,400	0.009%	0	0.000%	0	0	0.000%	0	0.000%	992,114,806		
Klua Creek											402,135,448		
Upper Fort Nelson River	1	10,000	0.004%	0	0.000%						276,181,026		
Upper Fort Nelson Total (incl. Sikanni Chief Tota	l, 43	493,975	0.011%	9,725	0.000%	1	2,993,000	0.070%	0	0.000%	4,303,636,908		
Kahntah, Fontas, Klua)													
Snake River											310,763,522		
Sahtaneh River	3	22,500	0.005%	2,337	0.000%						474,904,729		
Middle Fort Nelson River	8	47,825	0.009%	7,666	0.001%						515,348,901		
Middle Ft Nelson Total (incl. Upper Ft. Nelson total,	66	1,008,760	0.008%	20,428	0.000%	1	2,993,000	0.024%	0	0.000%	12,314,371,343		
Muskwa Total, Prophet Total, Snake, Sahtaneh)													
Kiwigana River	10	14,000	0.003%	490	0.000%						441,657,543		
Lower Fort Nelson River	5	22,000	0.007%	0	0.000%						312,768,938		
FORT NELSON TOTAL	81	1,044,760	0.008%	20,918	0.000%	1	2,993,000	0.023%	0	0.000%	13,068,797,824		
LIARD RIVER													
Muncho River											551,551,360		
Upper Liard River											33,125,817,465		
Upper Liard Total (incl. Muncho)	0	0	0.000%	0	0.000%	0	0	0.000%	0	0.000%	33,677,368,825		
Grayling River											630,833,914		
Upper Toad River											1,521,055,576		
Racing River Lower Toad River											1,488,336,681		
Beaver River											419,472,722 10,862,659,426		
Middle Liard River											463,652,312		
MIGAIC LIGITA HITCH											103,032,312		

SUMMARY OF WATER ALLOCATION AND USE FOR OIL AND GAS ACTIVITIES IN 2017, ORGANIZED BY OGC WATER

SHORT-TERM WATER USE APPROVALS - BC OIL AND GAS COMMISSION

OIL AND GAS RELATED WATER LICENCES

GAS ACTIVITIES IN 2017, ORGANIZED BY OGC WATER	SHOWL TERM WATER OSE AT FROMES DE OIE ARD GAS COMMISSION						VIE HILD WIN HERHIED HILLER EIGHTEEN							
MANAGEMENT BASIN (Page 4 of 4) MAJOR and	NUMBER OF APPROVED WITHDRAWAL	TOTAL VOLUME APPROVED (m³) FOR LOCATIONS ACTIVE ON	TOTAL VOLUME APPROVED as % of MEAN	TOTAL VOLUME WITHDRAWN	TOTAL VOLUME WITHDRAWN AS % OF MEAN ANNUAL	NUMBER (LICENCE) WITHDRAW	VOLUME VAL LICENCED	TOTAL VOLUME LICENCED as % of MEAN ANNUAL	TOTAL VOLUME WITHDRAWN	TOTAL VOLUME WITHDRAWN as % of MEAN ANNUAL	MEAN ANNUAL RUNOFF			
Sub-Basin Name	LOCATIONS	9/30/2017	ANNUAL RUNOFF	IN 2017 (m ³)	RUNOFF	LOCATION	S (m³)	RUNOFF	IN 2017 (m ³)	RUNOFF	(m³)			
LIARD RIVER con't														
Middle Liard Total (incl. Upper Liard Total, Grayling,	0	0	0.000%	0	0.000%	0	0	0.000%	0	0.000%	49,063,379,456			
Upper Toad, Racing, Lower Toad, Beaver)														
Capot-Blanc Creek	4	40,000	0.022%	0	0.000%						183,879,851			
Dunedin River	1	500	0.000%	229	0.000%						820,464,167			
Lower Liard River	8	62,690	0.005%	0	0.000%						1,236,634,664			
LIARD TOTAL (incl. Fort Nelson)	94	1,147,950	0.002%	21,147	0.000%	1	2,993,000	0.005%	0	0.000%	64,373,155,962			
PETITOT RIVER														
Sahdoanah River	45	35,380	0.014%	2,967	0.001%						252,625,362			
Upper Petitot River	62	88,085	0.006%	0	0.000%						1,476,579,488			
Tsea River	50	47,705	0.011%	432	0.000%	1	2,500,000	0.576%	0	0.000%	434,062,484			
Middle Petitot River	24	128,825	0.018%	0	0.000%						698,562,753			
Middle Petitot Total (incl. Sahdoanah,	181	299,995	0.010%	3,399	0.000%	1	2,500,000	0.087%	0	0.000%	2,861,830,087			
Upper Petitot, Tsea)														
Lower Petitot River	33	110,800	0.012%	2,180	0.000%						904,314,069			
PETITOT TOTAL	214	410,795	0.011%	5,579	0.000%	1	2,500,000	0.066%	0	0.000%	3,766,144,156			
HAY RIVER														
Upper Kotcho River	3	5,500	0.002%	0	0.000%						311,519,217			
Kyklo River	2	13,000	0.009%	0	0.000%						145,897,691			
Shekilie River	28	181,600	0.040%	0	0.000%						450,747,494			
Lower Kotcho River	2	7,500	0.002%	3,211	0.001%						311,519,217			
Lower Kotcho Total (includes Upper Kotcho,	35	207,600	0.017%	3,211	0.000%	0	0	0.000%	0	0.000%	1,219,683,619			
Kyklo, Shekilie)														
Hay River	30	193,500	0.036%	1,683	0.000%						538,672,352			
HAY TOTAL	65	401,100	0.023%	4,894	0.000%	0	0	0.000%	0	0.000%	1,758,355,971			
CHINCHAGA RIVER														
Chinchaga River	30	109,097	0.100%	5,893	0.005%						109,492,680			
CHINCHAGA TOTAL	30	109,097	0.100%	5,893	0.005%	0	0	0.000%	0	0.000%	109,492,680			
OTHER (outside Northeast B.C.)	30	612,966		4,146		0	0				N/A			
GRAND TOTAL	696	15,622,886	0.013%	1,607,674	0.001%	25	21,959,242	0.018%	1,187,127	0.001%	120,568,508,464			



Previous annual water reports and quarterly updates are available on the Commission's website at: http://www.bcogc.ca/public-zone/water-information

For specific questions or enquiries regarding this data, please contact: OGC.Communications@bcogc.ca